

Invention Disclosure

Sheet 05 of 20

Inventor: Curtis Jude Martin
Address: 1675 East Main Street - Kent, Ohio 44240-5818 - USA
Title of Invention: E.V.E. Emergency Vehicle Environment

┌
adaptable - comprising:

the external transmitter comprising of a unibody upper and sides cover shell and a bottom cover plate fastened together, a peel and stick perimeter acting as a gasket between said bottom cover plate and vehicle, a transmitter printed circuit board mounted within said upper cover shell, the said transmitter printed circuit board is fixed to one channel, the transmitting frequency of the said transmitter being set within 35 MHz to 2.5 GHz for FM stereo or mono audio radio signal transmission, a directional antenna mounted internally in said upper cover shell and connected to said transmitter printed circuit board for transmitting the radio signal, a battery chamber disposed at a side of said upper and sides cover shell, battery terminal connectors mounted inside said battery chamber at two opposite ends and respectively connected to said transmitter printed circuit board, a battery lid cover on said battery chamber, a low battery indicator LED mounted to the side of said battery chamber on said upper and sides cover shell and connected to said transmitter printed circuit board, an external power supply input port mounted to said bottom cover plate and connected to said battery terminal connectors, a condenser microphone mounted to the said bottom cover plate and connected to said transmitter .

Inventor: Curtis J. Martin Date: 11 / 20 / 01

The above confidential information is Witnessed and Understood:

Bruce A. Crissinger III Date: 11 / 20 / 01
David L. Schmeijer Date: 11 / 20 / 01

1002569-112301

Invention Disclosure

Sheet 06 of 20

Inventor: Curtis Jude Martin
Address: 1675 East Main Street - Kent, Ohio 44240-5818 - USA
Title of Invention: E.V.E. Emergency Vehicle Environment

printed circuit board, an external input port for overriding said condenser microphone mounted to said bottom cover plate and connected to said transmitter printed circuit board, an accelerometer mounted to the said bottom cover plate and connected to said condenser microphone, an external input port for extending said accelerometer mounted to said bottom cover plate and connected to said condenser microphone, an auto/on/off switch for engaging or disengaging said condenser microphone and for engaging or disengaging said power supply, an on/off switch for engaging or disengaging said accelerometer

the internal transmitter is the external transmitter mounted on the dashboard with the said peel and stick perimeter gasket being replaced with a peel and stick rectangular pad placed on the opposite side - the said cover shell

3. a small radio receiver - mounted in existing/aftermarket vehicles, installed as original equipment in new vehicles and installed in unused existing or new traffic light fixtures - comprising:

the mounted mobile receiver adapted to receive the radio signal transmitted from said transmitter, said receiver comprising of a

Inventor: Curtis J. Martin Date: 11 / 20 / 01

The above confidential information is Witnessed and Understood:

Donna G. Missinger III Date: 11 / 20 / 01
Debra L. Schmeigart Date: 11 / 20 / 01

10002569-112301

Invention Disclosure

Sheet 07 of 20

Inventor: Curtis Jude Martin
Address: 1675 East Main Street - Kent, Ohio 44240-5818 - USA
Title of Invention: E.V.E. Emergency Vehicle Environment

unibody upper and sides cover shell and a bottom cover plate fastened together, a peel and stick rectangular pad for affixing said upper and sides cover shell to a dashboard or windshield, a receiver printed circuit board mounted within said upper cover shell, the said receiver printed circuit board is fixed to one channel, an internal omni-directional receiving antenna wire mounted around the inside of said upper and sides cover shell and connected to said receiver printed circuit board for receiving the radio signal, battery terminal connectors mounted within said upper cover shell and connected to said receiver printed circuit board, the system using a 1.5V-3V battery to provide the necessary working voltage, a push to test switch button mounted to said bottom cover plate and connected to said receiver printed circuit board, a strobe light mounted to said bottom cover plate and connected to said receiver printed circuit board

the installed mobile receiver is the receiver installed at the vehicle's factory as original equipment and is mounted within the dashboard, said bottom cover plate is omitted, said antenna is omitted, an antenna cable conjoins the vehicle's radio antenna, said push to test switch button is omitted, said battery terminal connectors are omitted, said receiver's power

Inventor: Curtis J. Martin Date: 11 / 20 / 01

The above confidential information is Witnessed and Understood:

Bruce A. Crissinger III Date: 11 / 20 / 01
Gerald L. Schmeitz Date: 11 / 20 / 01